

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) System for providing online service reports to user subscribers, wherein the service reports contain service information about services rendered by one or more service providers operating, using wireless communications, at the direction of a service administrator, the system comprising:

a service hub coupled between the service administrator and the one or more service providers, the service hub including a receiver that receives access messages that define access rights for the user subscribers and receives a control message containing definitions for macro messages, the service hub also including a decoder that decodes the service information from one or more operational messages comprising one or more of the macro messages to convey the service information exchanged between the service administrator and the one or more service providers, the macro messages being defined according to the one or more service providers, the same macro message being capable of a different meaning among the one or more service providers, wherein the decoder decodes the macro messages based on the definitions contained in the control message to determine the service information; and

a network server coupled between the service hub and the user subscribers via a communication network, the network server including logic to receive a request from a selected user subscriber, and in response, provide at least a portion of the selected service information associated with at least one of the macro messages to the selected user subscriber based on the access rights defined in the access ~~message~~ messages as defined by one or more access macro codes comprising the access messages, wherein the access macro codes correspond to the at least one macro message.

2-4. (Cancelled)

5. (Original) The system of claim 1, wherein the service hub includes a memory and logic to maintain a master status table that contains the service information describing services rendered by the one or more service providers.

6. (Original) The system of claim 1, wherein the network server includes logic to authenticate the selected user subscriber that makes the request.

7. (Original) The system of claim 1, wherein the network server is coupled to the service hub via the communication network.

8. (Original) The system of claim 1, wherein the service hub is coupled to multiple service administrators associated with multiple service businesses.

9. (Currently Amended) The system of claim 1, wherein the operational messages ~~includes~~ include access rights for the ~~users~~ user subscribers.

10. (Currently Amended) A service hub that is operable to provide online service reports to user subscribers, wherein the service reports contain service information about services rendered by a service provider operating, using wireless communications, at the direction of a service administrator, the service hub comprising:

a processor operable to receive an access message that associates the service information with the user subscribers and to receive a control message containing definitions for macro messages, the processor also includes logic to exchange operational messages, comprising one or more of the macro messages to convey the service information, between the service provider and the service administrator, the macro messages being defined according to the one or more service providers, each macro message being capable of different meanings among the one or more service providers;

a decoder coupled to the processor and operable to decode the operational messages and the macro messages based on the definitions contained in the control message to extract the service information; and

a server interface operable to receive a request for service information from the user subscriber and provide selected service information associated with at least one of the macro messages to the user subscriber based on the access message as defined by one or more access macro codes comprising the access message, wherein the access macro codes correspond to the at least one macro message.

11-13. (Cancelled)

14. (Original) The service hub of claim 10, wherein the service hub includes a memory and logic to maintain a master status table that contains the service information describing services rendered by the one or more service providers.

15. (Original) The service hub of claim 10, wherein the processor further includes logic to authenticate the selected user subscriber that makes the request.

16. (Original) The service hub of claim 10, wherein the network server is coupled to the service hub via the communication network.

17. (Original) The service hub of claim 10, wherein the service hub is coupled to multiple service administrators associated with multiple service businesses.

18. (Original) The service hub of claim 10, wherein the operational messages include access rights for the user subscribers.

19. (Currently Amended) A method for providing online service reports to user subscribers, wherein the service reports contain service information about services rendered by a service provider and coordinated, using wireless communications, by a service administrator, the method comprising steps of:

determining access rights that associate the service information with the user subscribers;

receiving definitions that associate macro messages with the service information;

exchanging at least one operational message between the service provider and the service administrator, the at least one operational message comprising ~~a macro message that represents one or more of the macro messages that represent~~ the service information, the macro messages being defined according to the one or more service providers, each macro message being capable of different meanings among the one or more service providers;

decoding the operational message and the macro ~~message~~ messages based on the definitions to extract the service information;

receiving a request from a selected user subscriber; and
providing selected service information associated with at least one of the macro messages to the selected user subscriber, wherein the selected service information is derived from the service information based on the access rights as defined by one or more access macro codes comprising an access message, and the access macro codes correspond to the at least one macro message.

20. (Currently Amended) The method of claim 19, wherein the step of determining is a step of receiving the access message at a service hub and determining the access rights from ~~[[an]] the access message received at the service hub.~~

21. (Original) The method of claim 19, wherein the step of determining is a step of determining the access rights from the at least one operational message.

22. (Cancelled)

23. (Original) The method of claim 19, wherein the step of receiving a request further includes a step of authenticating the request.

24. (Previously Presented) The method of claim 19, wherein the step of receiving is a step of receiving a request from the selected user subscriber via a communication network.

25. (Original) The method of claim 19, wherein the step of providing is a step of providing selected service information to a user subscriber when a trigger event occurs, wherein the selected service information is derived from the service information based on the access rights.

26. (Currently Amended) An apparatus for providing online service reports to user subscribers, wherein the service reports contain service information about services rendered by a service provider and coordinated, using wireless communications, by a service administrator, the apparatus comprising:

means for determining access rights that associate said service information with said user subscribers;

means for receiving definitions that associate macro messages with the service information;

means for exchanging at least one operational message between said service provider and said service administrator, said at least one operational message comprising ~~a macro message that represents one or more of the macro messages that represent~~ the service information, said macro messages being defined according to said one or more service providers, each said macro message being capable of different meanings among said one or more service providers;

means for decoding said operational message and the macro ~~message~~ messages based on the definitions to extract said service information;

means for receiving a request from a selected user subscriber; and

means for providing selected service information associated with at least one of the macro messages to said selected user subscriber, wherein said selected service information is derived from said service information based on said access rights as defined by one or more access macro codes comprising an access message, and the access macro codes correspond to the at least one macro message.

27. (Currently Amended) The apparatus of claim 26, further comprising means for receiving the access message at a service hub and means for determining said access rights from said access message ~~received at said service hub.~~

28. (Previously Presented) The apparatus of claim 26, further comprising means for determining said access rights from said at least one operational message.

29. (Cancelled)

30. (Previously Presented) The apparatus of claim 26, further comprising means for authenticating said request.

31. (Previously Presented) The apparatus of claim 26, further comprising means for receiving a request from a selected user subscriber via a communication network.

32. (Previously Presented) The apparatus of claim 26, further comprising means for providing selected service information to a user subscriber when a trigger event occurs, wherein said selected service information is derived from said service information based on said access rights.

33. (Currently Amended) An article comprising a memory comprising software stored thereon for providing online service reports to user subscribers, wherein the service reports contain service information about services rendered by a service provider and coordinated by a service administrator, which, if executed by a CPU, is adapted to enable said CPU to:

determine access rights that associate said service information with said user subscribers;
receive definitions that associate macro messages with the service information;

exchange ~~exchanging~~ at least one operational message between the service provider and the service administrator, said at least one operational message comprising ~~a macro message that represents one or more of the macro messages that represent~~ the service information, said macro messages being defined according to said one or more service providers, each said macro message being capable of different meanings among said one or more service providers;

decode said operational message and the macro ~~message~~ messages based on the definitions to extract the service information;

receive a request from a selected user subscriber; and

provide selected service information associated with at least one of the macro messages to the selected user subscriber, wherein the selected service information is derived from the service information based on the access rights as defined by one or more access macro codes comprising an access message, and the access macro codes correspond to the at least one macro message.

34. (Currently Amended) The article of claim 33, wherein said software, if executed by said CPU, is further adapted to enable said CPU to:

receive the access message at a service hub; and

determine said access rights from said access message ~~received at said service hub.~~

35. (Previously Presented) The article of claim 33, wherein said software, if executed by said CPU, is further adapted to enable said CPU to:

determine said access rights from said at least one operational message.

36. (Cancelled)

37. (Previously Presented) The article of claim 33, wherein said software, if executed by said CPU, is further adapted to enable said CPU to:

authenticate said request.

38. (Previously Presented) The article of claim 33, wherein said software, if executed by said CPU, is further adapted to enable said CPU to:

receive a request from a selected user subscriber via a communication network.

39. (Previously Presented) The article of claim 33, wherein said software, if executed by said CPU, are further adapted to enable said CPU to:

provide selected service information to a user subscriber when a trigger event occurs, wherein said selected service information is derived from said service information based on said access rights.